

## CLAIM AMENDMENTS

### IN THE CLAIMS

This listing of the claims is presented without amendment for the convenience of the Examiner:

1. (Currently Amended) A method for information exchange, comprising the steps of :

- operating an information exchange system including a production studio coupled to remote data processing equipment by both (a) a satellite connection and (b) a non-satellite connection separate from the satellite connection;

- producing information transmissions in a broadcast standard;  
- sending the information transmissions live from ~~[[a]]~~ the production studio;  
- digitizing the sent information transmissions and then transmitting the digitized information transmissions via the satellite connection as IP multicast packets;

- receiving the information transmission by a TV decoder and feeding them into a data and/or communications network for delivery to the remote data processing equipment;

- installing software on ~~a~~ the remote data processing equipment, ~~like PCs or workplace computers,~~ in which the software, after the data processing ~~device~~ equipment has been connected to the data and/or communications network, permits receiving of the information transmissions and use of at least part of the functions furnished by the information transmission;

- accessing the information transmission via a portal; and  
- using the functions furnished by the information transmission received via ~~communications connections between the data processing equipment and studio~~ the satellite connection for an interactive information exchange, including communicating user feedback regarding one or more of the functions furnished by the information transmission from the remote data processing equipment to the production studio via the non-satellite connection.

2. (Original) The method according to Claim 1, wherein access to an information transmission and/or use of the functions provided by the information transmission occurs as a function of access authorization.

3. (Previously Presented) The method according to Claim 1, wherein access to an information transmission occurs after access to the portal and call-up of a link for information transmission.

4. (Original) The method according to Claim 2, wherein access authorizations are sent by email and/or an SMS method to a selected group of persons.

5. (Currently Amended) The method according to Claim 1, wherein the non-satellite connection between the production studio coupled to remote data processing equipment comprises ~~TV decoder, which feeds the received data into a local network, like a local area network (LAN) and/or an audio feedback channel from a data processing unit, like a PC or workplace computer, is coupled to the production studio of the information transmission via~~ a virtual private network (VPN) separate from [[a]] the satellite connection transmission channel.

6. (Original) The method according to Claim 1, wherein speech communication occurs as voiceover IP (VoIP) via an audio feedback channel.

7. (Original) The method according to Claim 1, wherein playback of the information transmission on the data processing equipment, like PCs or workplace computers, occurs with one or more Web browsers.

8. (Previously Presented) The method according to Claim 1, wherein, for playback of information transmissions in a Web browser, several windows, like a window for live presentation of a moderator or teacher in the studio (film window) or a window for presentation of graphics and/or tests (graphics window), are provided.

9. (Original) The method according to Claim 8, wherein the windows provided for playback of information transmissions in a Web browser are sent in full screen representation.

10. (Original) The method according to Claim 1, wherein the software, after log-on at a portal, is installed by an initial applet on the data processing equipment or software installed on the data processing equipment is updated after log-on at the portal.

11. (Original) The method according to Claim 1, wherein the functions provided by the information transmission include

- execution and/or evaluation of surveys,
- execution and/or evaluation of multiple choice tests (MCT),
- layout, connection and/or management of telephone connections,
- data transmission, especially text transmission, between the data processing equipment and production studio and/or management.

12. (Original) The method according to Claim 11, wherein surveys and/or tests are designed as HTML-programmed files.

13. (Original) The method according to Claim 11, wherein a time limitation is stipulated for processing of surveys and/or tests and after this time elapses, the survey and/or test files are automatically closed for processing.

14. (Original) The method according to Claim 1, wherein data and/or files, like text files, sent to the production studio and/or management are conveyed as email and/or as SMS messages to one or more designatable receivers.

15. (Original) The method according to Claim 1, wherein the method is carried out in a computer program which can be downloaded from an electronic data network, like the Internet, to a data processing unit connected to the data network.

16. **(Currently Amended)** An arrangement with at least one processor and/or chip setup so that a method for information exchange can be carried out, comprising:

- means for producing information transmissions in a broadcast standard to be sent live from a **production** studio;

- **[[A]]** **a** digitizer for digitization of the sent information transmissions and for the transmission of the digitized information transmissions via **a** satellite **connection** as IP multicast packets;

- a TV decoder **remote from the production studio** for receiving the IP multicast packets that feeds the received IP multicast packets into a data and/or communications network **for delivery to remote data processing equipment**;

- means for installing software on the **remote** data processing equipment, **like PCs or workplace computers**, in which the software, after the data processing equipment has been connected to the data and/or communications network, permits receiving of the information transmissions and use of at least part of functions furnished by the information transmissions;

- means for accessing the information transmissions via a portal, and

- interactive **information-exchange feedback** means **for communicating user feedback regarding one or more of the functions furnished by the information transmission from the remote data processing equipment to the production studio via a non-satellite connection separate from the satellite connection which use the functions furnished by the information transmissions via communications connections between the data processing equipment and studio.**

17. **(Currently Amended)** A computer program product stored on a computer readable storage medium for, when run on a computer, carrying out a method for information exchange, comprising the steps of:

- producing information transmissions in a broadcast standard;
- sending the information transmissions live from a **production** studio;
- digitizing the sent information transmissions and then transmitting the digitized information transmissions via **a** satellite **connection** as IP multicast packets;
- receiving the IP multicast packets by a **remote** TV decoder and feeding them into a data and/or communications network **for delivery to remote data processing equipment**;
- installing software on ~~the~~ data processing equipment **remote from the production studio, like PCs or workplace computers**, in which the software, after the data processing ~~device~~ **equipment** has been connected to the data and/or communications network, permits receiving of the information transmissions and use of at least part of functions furnished by the information transmission;
- accessing the information transmissions via a portal; and
- using the functions furnished by the information transmission **received** via ~~communications connections between the data processing equipment and studio~~ **the satellite connection** for an interactive information exchange, **including communicating user feedback regarding one or more of the functions furnished by the information transmission from the remote data processing equipment to the production studio via a non-satellite connection separate from the satellite connection.**

18. (Original) The computer program product according to Claim 17, wherein the computer program can be downloaded from an electronic data network, like the Internet, to a data processing unit connected to the data network.

19. **(Currently Amended)** A method for information exchange, comprising the steps of :

- producing information transmissions in a broadcast standard wherein the information transmissions include TV information and digital information;
- sending the information transmissions live from a **production** studio to a **remote TV decoder via a satellite connection;**
- receiving the information transmissions **at the remote TV decoder;**
- extracting video information and digital information from the information transmissions;
- feeding the extracted video and digital information into ~~a~~ **remote** data processing equipment **coupled to the remote TV decoder** and connecting the data processing equipment to a data and/or communication network and accessing a main data processing equipment associated with the studio through the data and/or communication network;
- decoding functions from the extracted digital information; and
- using the functions furnished by the digital information **received** via ~~the established communications connections between the data processing equipment and studio~~ **the satellite connection** for an interactive information exchange, **including communicating user feedback regarding one or more of the functions furnished by the digital information from the remote data processing equipment to the production studio via a non-satellite connection separate from the satellite connection.**

20. (Original) The method according to Claim 19, further including the step of authorizing the access to the main data and/or communication equipment associated with the studio.

21. (Previously Presented) The method according to Claim 19, wherein the step of connecting the data processing equipment includes the step of using a portal connection.

22. (Original) The method according to Claim 20, wherein access authorizations are sent by email and/or an SMS method to a selected group of persons.

23. (Currently Amended) The method according to Claim 19, wherein non-satellite connection between the production studio coupled to remote data processing equipment comprises ~~a TV decoder feeds the received video and data information into a local network, like a local area network (LAN) and/or an audio feedback channel is sent from a data processing unit, like a PC or workplace computer, to the production studio of the information transmissions via~~ a virtual private network (VPN) separate from [[a]] the satellite connection transmission channel.

24. (Original) The method according to Claim 19, wherein speech communication occurs as voiceover IP (VoIP) via an audio feedback channel.

25. (Original) The method according to Claim 19, wherein playback of the video and digital information on the data processing equipment, like PCs or workplace computers, occurs with one or more Web browsers.

26. (Previously Presented) The method according to Claim 1, wherein, for playback of video and digital information in a Web browser, several windows, like a window for live presentation of a moderator or teacher in the studio (film window) or a window for presentation of graphics and/or tests (graphics window), are provided.

27. (Original) The method according to Claim 26, wherein the windows provided for playback of information transmissions in a Web browser are sent in full screen representation.

28. (Original) The method according to Claim 19, wherein a software, after connection to the main data processing equipment, is installed by an initial applet on the data processing equipment or software installed on the data processing equipment is updated after the connection.

29. (Original) The method according to Claim 19, wherein the functions provided by the digital information include

- execution and/or evaluation of surveys,
- execution and/or evaluation of multiple choice tests (MCT),
- layout, connection and/or management of telephone connections,
- data transmission, especially text transmission, between the data processing equipment and production studio and/or management.

30. (Original) The method according to Claim 29, wherein surveys and/or tests are designed as HTML-programmed files.

31. (Original) The method according to Claim 29, wherein a time limitation is stipulated for processing of surveys and/or tests and after this time elapses, the survey and/or test files are automatically closed for processing.

32. (Original) The method according to Claim 19, wherein data and/or files, like text files, sent to the production studio and/or management are conveyed as email and/or as SMS messages to one or more designatable receivers.

33. (Original) The method according to Claim 19, wherein the method is carried out in a computer program which can be downloaded from an electronic data network, like the Internet, to a data processing unit connected to the data network.